Title (en)

PUPIL SIZE-INDEPENDENT LENS DESIGN AND METHOD FOR PREVENTING AND/OR SLOWING MYOPIA PROGRESSION

Title (de)

PUPILLENGRÖSSENUNABHÄNGIGES LINSENDESIGN UND VERFAHREN ZUR VORBEUGUNG UND/ODER VERZÖGERUNG DES FORTSCHRITTS VON MYOPIE

Title (fr)

CONCEPTION DE LENTILLE INDÉPENDANTE DE LA TAILLE DE LA PUPILLE ET PROCÉDÉ POUR LA PRÉVENTION ET/OU LE RALENTISSEMENT DE LA PROGRESSION DE LA MYOPIE

Publication

EP 2988163 B1 20230809 (EN)

Application

EP 15181626 A 20150819

Priority

US 201414464097 A 20140820

Abstract (en)

[origin: EP2988163A1] A lens includes a center of the ophthalmic lens having a negative power that provides foveal vision correction for myopia; a first peripheral zone surrounding the center having a power that gradually increases to a first peak having a dioptric power that is more positive than at the center; and a second peripheral zone surrounding the first peripheral zone and having a second peak having a dioptric power that is more positive than at the center and that is different than the power at the first peak. The power profile slows, retards, or prevents myopia progression independent of pupil size.

IPC 8 full level

G02C 7/04 (2006.01)

CPC (source: EP RU US)

A61F 2/14 (2013.01 - RU); **A61F 2/1451** (2015.04 - US); **A61F 2/16** (2013.01 - US); **G02C 7/041** (2013.01 - US); **G02C 7/044** (2013.01 - EP RU US); **G02C 7/06** (2013.01 - RU US); A61F 9/00 (2013.01 - RU); G02C 2202/24 (2013.01 - EP US)

Cited by

EP3505996A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 15181626 A 20150819; AU 2015213332 A 20150813; BR 102015019798 A 20150818; CA 2900362 A 20150812; CN 201510514597 A 20150820; HK 16107715 A 20160704; IL 24018915 A 20150728; JP 2015161830 A 20150819; KR 20150115873 A 20150818; RU 2015134858 A 20150818; RU 2017126745 A 20150818; SG 10201506431Y A 20150814; TW 104126782 A 20150818; US 201414464097 A 20140820